ELSEVIER

Physica C 253 (1995) 407–410

PHYSICA C

Author Index to Volume 253

Akamatsu, M., see Jeon, D.-S., **253**, 102
Anselmi Tamburini, U., see Ghigna, P., **253**, 147
Antipov, E.V., see Ardashnikova, E.I., **253**, 259
Antipov, E.V., see Kazakov, S.M., **253**, 401
Ardashnikova, E.I., S.V. Lubarsky, D.I. Denisenko, R.V. Shpanchenko, E.V. Antipov and G. Van Tendeloo, A new way of synthesis and characterization of superconducting oxyfluoride $Sr_2Cu(O, F)_{4+\delta}$, **253**, 259
Artemenko, S.N. and A.G. Kobel'kov, Collective modes in layered superconductors, **253**, 373

Barnole, V., see Toledano, J.C., **253**, 53
Benacka, S., see Rosova, A., **253**, 39
Bingert, J.F., see Holesinger, T.G., **253**, 182
Bingham, B.L., see Holesinger, T.G., **253**, 182
Bist, H.D., see Soni, R.N., **253**, 121
Bódi, A.C., T. Kokkomäki, S. Leppävuori and J. Väyrynen, Surface resistance and penetration depth anomalies near the superconducting transition in YBCO thick films at low frequencies, **253**, 115
Boikov, Ju., see Vasiliev, A.L., **253**, 297
Brazdeikis, A., A. Vailionis, A.S. Flodström and C. Træholt, Molecular beam epitaxy growth and microstructure of thin superconducting $Bi_2Sr_2CaCu_2O_x$ films, **253**, 383
Broussard, P.R., see Soni, R.N., **253**, 121
Brunner, M., see Kazakov, S.M., **253**, 401
Buchal, Ch., see Copetti, C.A., **253**, 63
Bull, M., see de Podesta, M., **253**, 199

Cabeza, O., see Mosqueira, J., **253**, 1
Caneiro, A., see Serquis, A., **253**, 339
Canfield, P.C., see Jeong, G.T., **253**, 48
Capponi, J.J., see Kazakov, S.M., **253**, 401
Chaddah, P., see Roy, S.B., **253**, 191
Chadwick, A.V., see Ghigna, P., **253**, 147
Chaillout, C., see Kazakov, S.M., **253**, 401
Chakoumakos, B.C., see Hur, N.H., **253**, 109
Chan, F.T., see Xiong, Q., **253**, 329
Chern, G., L.R. Song and J.B. Shi, Observation of high dielectric permittivity in single-crystal $Bi_2Sr_2CoO_{6+\delta}$, **253**, 97
Cho, B.K., see Jeong, G.T., **253**, 48
Christen, D.K., see Hur, N.H., **253**, 109
Christen, D.K., see Kim, Y.C., **253**, 357
Chromik, S., see Rosova, A., **253**, 39
Chu, C.W., see Xiong, Q., **253**, 329
Chun, S.H., see Jeong, G.T., **253**, 48

Claeson, T., see Vasiliev, A.L., **253**, 297
Copetti, C.A., F. Rüders, B. Oelze, Ch. Buchal, B. Kabius and J.W. Seo, Electrical properties of 45° grain boundaries of epitaxial YBaCuO, dominated by crystalline microstructure and d-wave-symmetry, **253**, 63
Coulter, J.Y., see Holesinger, T.G., **253**, 182

Dahm, T. and L. Tewordt, d-Wave and s-wave superconductivity in two coupled Hubbard planes and comparison with neutron scattering in $YBa_2Cu_3O_7$, **253**, 334
De la Fuente, G.F., see Kazin, P.E., **253**, 391
Denisenko, D.I., see Ardashnikova, E.I., **253**, 259
De Podesta, M. and M. Bull, Alternative explanation of "gravitational screening" experiments, **253**, 199
Duan, H.M., see Kiehl, W., **253**, 271

Edwards, P.P., see Slater, P.R., **253**, 16
Endoh, Y., see Yamada, K., **253**, 135

Faqir, H., see Toledano, J.C., **253**, 53
Flodström, A.S., see Brazdeikis, A., **253**, 383
Flükiger, R., see Grasso, G., **253**, 292
Francesconi, M.G., see Slater, P.R., **253**, 16

Gaines, J.R., see Song, Y., **253**, 177
Gameson, I., see Slater, P.R., **253**, 16
Ganesh, K., see Topare, R.J., **253**, 89
Ghigna, P., G. Spinolo, M. Scavini, U. Anselmi Tamburini and A.V. Chadwick, The atomic and electronic structure of cerium substitutional defects in $Nd_{2-x}Ce_xCuO_{4+\delta}$. An XAS study, **253**, 147
Goretta, K.C., see Orlova, T.S., **253**, 194
Grasso, G. and R. Flükiger, Self-field effect and current distribution in Bi(2223) tapes at 77 K, **253**, 292
Greaves, C., see Slater, P.R., **253**, 16

Hegde, M.S., see Ramesh, S., **253**, 243
Hellstrom, E.E., see Sung, Y.S., **253**, 79
Hermann, A.M., see Kiehl, W., **253**, 271
Hitterman, R.L., see Shimakawa, Y., **253**, 71
Hodges, J.P., see Slater, P.R., **253**, 16
Holesinger, T.G., J.M. Johnson, J.Y. Coulter, H. Safar, D.S. Phillips, J.F. Bingert, B.L. Bingham, M.P. Maley, J.L. Smith and D.E. Peterson, Isothermal melt processing of $Bi_2Sr_2CaCu_2O_y$ round wire, **253**, 182

Hosoya, S., see Yamada, K., **253**, 135
Huang, Z., see Wang, X.-G., **253**, 254
Hunter, B.A., see Shimakawa, Y., **253**, 71
Hur, N.H., B.C. Chakoumakos, M. Paranthaman, J.R. Thompson and D.K. Christen, Structure and superconducting properties of $(Tl_{0.8}Bi_{0.2})(Sr_{1.6}Ba_{0.4})Ca_2Cu_3O_{9-\delta}$, **253**, 109
Hur, N.H., see Kim, H.-D., **253**, 351

Ikeda, H., see Jeon, D.-S., **253**, 102

Jansen, M., see Kazin, P.E., **253**, 391
Jeon, D.-S., M. Akamatsu, H. Ikeda and R. Yoshizaki, Zn substitution effect for Cu on the anisotropic transport properties in $Bi_2Sr_2CaCu_2O_{8+y}$ single crystals, **253**, 102
Jeong, G.T., J.I. Kye, S.H. Chun, Z.G. Khim, W.C. Lee, P.C. Canfield, B.K. Cho and D.C. Johnston, Energy gap of quaternary compound superconductor YNi_2B_2C and $LuNi_2B_2C$ by point-contact spectroscopy, **253**, 48
Johnson, J.M., see Holesinger, T.G., **253**, 182
Johnston, D.C., see Jeong, G.T., **253**, 48
Jorgensen, J.D., see Shimakawa, Y., **253**, 71

Kabius, B., see Copetti, C.A., **253**, 63
Kanai, M., see Matunari, S., **253**, 217
Kawai, T., see Matunari, S., **253**, 217
Kawamata, S., see Yamada, K., **253**, 135
Kazakov, S.M., E.V. Antipov, C. Chaillout, J.J. Capponi, M. Brunner, J.L. Tholence and M. Marezio, Synthesis of alkali-substituted Sr,Cu oxycarbonates. Superconductivity in $Sr_{2-x}K_xCuO_2CO_3$ $(0.25 \leqslant x \leqslant 0.7)$, **253**, 401
Kazin, P.E., M. Jansen, A. Larrea, G.F. de la Fuente and Yu.D. Tretyakov, Flux pinning improvement in Bi-2212 silver sheathed tapes with submicron $SrZrO_3$ inclusions, **253**, 391
Khim, Z.G., see Jeong, G.T., **253**, 48
Kiehl, W., H.M. Duan and A.M. Hermann, Anisotropic Seebeck coefficient in $Tl_2Ba_2CuO_{6-\delta}$ single crystals, **253**, 271
Kim, G.-H. and J. Yu, Order parameter relaxation effects on the I–V characteristics of high-T_c Josephson junctions, **253**, 139
Kim, H.-D., S.-J. Oh, I.-S. Yang and N.H. Hur, X-ray photoelectron spectroscopy study of $HgBa_2CuO_{4+\delta}$, **253**, 351
Kim, Y.C., J.R. Thompson, D.K. Christen, M. Paranthaman and E.D. Specht, Enhanced irreversibility field and current stabilization by Pb substitution in aligned Tl-1223 high-T_c superconductor, **253**, 357
Kiselev, N.A., see Vasiliev, A.L., **253**, 297
Kishore, R., Isotope coefficient: some inequalities and the effect of mass dependence of carrier concentration within the van Hove scenario in high-T_c superconductors, **253**, 367
Kobel'kov, A.G., see Artemenko, S.N., **253**, 373
Kokkomäki, T., see Bódi, A.C., **253**, 115
Kondo, T., see Shimakawa, Y., **253**, 71
Kopelevich, Y. and S. Moehlecke, Long-time temperature drift in a commercial SQUID magnetometer, **253**, 325
Kosuge, K., see Nakanishi, M., **253**, 33
Kozeeva, L.P., see Lavrov, A.N., **253**, 313
Kubo, Y., see Shimakawa, Y., **253**, 71
Kudymov, A.N., see Orlova, T.S., **253**, 194
Kuklewicz, C.E. and J.T. Markert, Steric effects on superconductivity in $(Nd_{1-y}Y_y)_{2-x}Ce_xCuO_{4-\delta}$, **253**, 308
Kye, J.I., see Jeong, G.T., **253**, 48

Lanagan, M.T., see Orlova, T.S., **253**, 194
Landau, I.L. and L. Rinderer, Influence of weak visible light on flux creep in YBCO film at low temperatures, **253**, 168
Larrea, A., see Kazin, P.E., **253**, 391
Lavrov, A.N. and L.P. Kozeeva, Study of the antiferromagnetic and superconducting phase boundaries in $RBa_2Cu_3O_{6+x}$ (R = Tm, Lu). II. Influence of low-temperature oxygen ordering on T_N and T_c, **253**, 313
Lee, W.C., see Jeong, G.T., **253**, 48
Lee, W.H. and D.C. Wang, Effects of Ce on the crystal structure and superconductivity in $TlSr_2CaCu_2O_{7-\delta}$, **253**, 156
Leppävuori, S., see Bódi, A.C., **253**, 115
Liu, F.-S., Effect of high local spin on superconductivity and conjectured explanation for the high T_c in $Fe_{1-x}S$, **253**, 165
Lubarsky, S.V., see Ardashnikova, E.I., **253**, 259

Maley, M.P., see Holesinger, T.G., **253**, 182
Manako, T., see Shimakawa, Y., **253**, 71
Marezio, M., see Kazakov, S.M., **253**, 401
Markert, J.T., see Kuklewicz, C.E., **253**, 308
Matunari, S., M. Kanai and T. Kawai, Preparation of superconductive $(BaMO_x)(BaCuO_{2+y})(CaCuO_2)_n$ artificial lattices (M = Au, Cu; $n = 2, 4$) by laser molecular beam epitaxy, **253**, 217
Maza, J., see Mosqueira, J., **253**, 1
Miller, D.J., see Orlova, T.S., **253**, 194
Moehlecke, S., see Kopelevich, Y., **253**, 325
Monnereau, O., see Toledano, J.C., **253**, 53
Mori, N., see Shimakawa, Y., **253**, 71
Morin, D., see Toledano, J.C., **253**, 53
Mosqueira, J., J.A. Veira, J. Maza, O. Cabeza and F. Vidal, New aspects of the thermopower peak anomaly near the superconducting transition in $Y_1Ba_2Cu_3O_{7-\delta}$ compounds: thermal fluctuations versus oxygen content inhomogeneities, **253**, 1
Muroi, M. and R. Street, On the Sr substitution effect in the $R_{1-x}Pr_xBa_{2-y}Sr_yCu_3O_7$ system (R = rare-earth element), **253**, 205

Nagata, S., see Nakanishi, M., **253**, 33
Nakanishi, M., Y. Tsuchiya, N. Nakayama, K. Yoshimura, K. Kosuge, S. Nagata and S. Yamaguchi, Superconducting interlayer coupling of NbN/X (X = Ag, CN_x) multilayered films, **253**, 33
Nakayama, N., see Nakanishi, M., **253**, 33
Narayan, J., see Soni, R.N., **253**, 121
Noguchi, S., see Yamada, K., **253**, 135

Oelze, B., see Copetti, C.A., **253**, 63
Oh, S.-J., see Kim, H.-D., **253**, 351
Okuda, K., see Yamada, K., **253**, 135
Olsson, E., see Vasiliev, A.L., **253**, 297

Orlova, T.S., A.N. Kudymov, B.I. Smirnov, D.J. Miller, M.T. Lanagan and K.C. Goretta, Electric field effects on the conductivity of highly textured $Bi_2Sr_2CaCu_2O_y$ superconductors, **253**, 194

Paranjpe, S.K., see Ramesh, S., **253**, 243
Paranthaman, M., see Hur, N.H., **253**, 109
Paranthaman, M., see Kim, Y.C., **253**, 357
Peterson, D.E., see Holesinger, T.G., **253**, 182
Phillips, D.S., see Holesinger, T.G., **253**, 182
Pradhan, A.K., see Roy, S.B., **253**, 191
Prado, F., see Serquis, A., **253**, 339

Raghuvanshi, G.S., see Soni, R.N., **253**, 121
Rajagopal, H., see Ramesh, S., **253**, 243
Ramesh, S., N.Y. Vasanthacharya, M.S. Hegde, G.N. Subbanna, H. Rajagopal, A. Sequiera and S.K. Paranjpe, Structural anomalies in $RBa_2Cu_{3-x}Co_xO_{7\pm\delta}$ (R = rare earth) defect perovskites, **253**, 243
Rangarajan, G., see Uma, S., **253**, 225
Ranninger, J. and J.M. Robin, The boson–fermion model of high-T_c superconductivity. Doping dependence, **253**, 279
Ravi, S., see Uma, S., **253**, 225
Rinderer, L., see Landau, I.L., **253**, 168
Robin, J.M., see Ranninger, J., **253**, 279
Rosova, A., S. Chromik, S. Benacka and B. Wuyts, Study of superconducting *a*-axis oriented $YBa_2Cu_3O_{7-\delta}$ thin films deposited on Y_2O_3/YSZ/Si with $PrBa_2Cu_3O_{7-\delta}$ seed layer, **253**, 39
Roy, S.B., A.K. Pradhan and P. Chaddah, Effect of sample shape on the low-field magnetisation peak in a C15 Laves phase superconductor, **253**, 191
Rüders, F., see Copetti, C.A., **253**, 63

Safar, H., see Holesinger, T.G., **253**, 182
Sahuji, N.K., see Topare, R.J., **253**, 89
Salje, E.K.H., see Vul, D.A., **253**, 231
Scavini, M., see Ghigna, P., **253**, 147
Schneck, J., see Toledano, J.C., **253**, 53
Schreiber, M., see Sherman, A., **253**, 23
Seo, J.W., see Copetti, C.A., **253**, 63
Sequiera, A., see Ramesh, S., **253**, 243
Serquis, A., F. Prado and A. Caneiro, Synthesis method, control of cationic composition and superconducting behavior of $Nd_{1.85}Ce_{0.15}Cu_{1\pm\delta}O_y$, **253**, 339
Shah, S.S., see Topare, R.J., **253**, 89
Shaked, H., see Shimakawa, Y., **253**, 71
Sherman, A. and M. Schreiber, Anomalous Fermi liquid and strong-coupling superconductivity in cuprate perovskites, **253**, 23
Shi, J.B., see Chern, G., **253**, 97
Shimakawa, Y., J.D. Jorgensen, B.A. Hunter, H. Shaked, R.L. Hitterman, Y. Kubo, T. Kondo, T. Manako, H. Takahashi and N. Mori, Pressure effects on T_c and structure in overdoped $TlSr_2CaCu_2O_{7-\delta}$, **253**, 71
Shpanchenko, R.V., see Ardashnikova, E.I., **253**, 259
Slaski, M., see Slater, P.R., **253**, 16
Slater, P.R., J.P. Hodges, M.G. Francesconi, P.P. Edwards, C. Greaves, I. Gameson and M. Slaski, An improved route to the synthesis of superconducting copper oxyfluorides $Sr_{2-x}A_xCuO_2F_{2+\delta}$ (A = Ca, Ba) using transition metal difluorides as fluorinating reagents, **253**, 16
Smirnov, B.I., see Orlova, T.S., **253**, 194
Smith, J.L., see Holesinger, T.G., **253**, 182
Song, L.R., see Chern, G., **253**, 97
Song, Y. and J.R. Gaines, Low-temperature ($T \leqslant 950$°C) preparation of melt-textured $YBa_2Cu_3O_{7-\delta}$ superconductors, **253**, 177
Soni, R.N., H.D. Bist, G.S. Raghuvanshi, J. Narayan and P.R. Broussard, Laser irradiation effects in $YBa_2Cu_3O_{7-\delta}$ thin films on metallic and single crystal substrates: a micro-Raman study, **253**, 121
Specht, E.D., see Kim, Y.C., **253**, 357
Spinolo, G., see Ghigna, P., **253**, 147
Street, R., see Muroi, M., **253**, 205
Strobel, P., see Toledano, J.C., **253**, 53
Subbanna, G.N., see Ramesh, S., **253**, 243
Sung, Y.S. and E.E. Hellstrom, A reaction couple study of reactions amongst $Bi_2Sr_2CaCu_2O_x$, Ca_2PbO_4, and CuO to form $(Bi, Pb)_2Sr_2Ca_2Cu_3O_x$, **253**, 79
Swihart, J.C., see Wolenski, T., **253**, 266

Takahashi, H., see Shimakawa, Y., **253**, 71
Tewordt, L., see Dahm, T., **253**, 334
Tholence, J.L., see Kazakov, S.M., **253**, 401
Thompson, J.R., see Hur, N.H., **253**, 109
Thompson, J.R., see Kim, Y.C., **253**, 357
Toledano, J.C., D. Morin, J. Schneck, H. Faqir, O. Monnereau, G. Vacquier, P. Strobel and V. Barnole, Stability of the 2223 phase in the lead-substituted bismuth cuprates, **253**, 53
Topare, R.J., K. Ganesh, N.K. Sahuji, S.S. Shah and P. Venugopal Reddy, Elastic anomalies in Bi-Pb-2223/Ag superconducting composite materials, **253**, 89
Trætholt, C., see Brazdeikis, A., **253**, 383
Tretyakov, Yu.D., see Kazin, P.E., **253**, 391
Tsuchiya, Y., see Nakanishi, M., **253**, 33

Uma, S., S. Ravi and G. Rangarajan, Magnetization study of superconducting grains in $Bi_{2.1}Sr_{1.9}CaCu_2O_{8+\delta}$, **253**, 225

Vacquier, G., see Toledano, J.C., **253**, 53
Vailionis, A., see Brazdeikis, A., **253**, 383
Van Tendeloo, G., see Ardashnikova, E.I., **253**, 259
Vasanthacharya, N.Y., see Ramesh, S., **253**, 243
Vasiliev, A.L., E. Olsson, Ju. Boikov, T. Claeson and N.A. Kiselev, Interfacial interactions of $YBa_2Cu_3O_{7-x}$ thin films on Si substrates with polycrystalline Y stabilized ZrO_2 buffer layers, **253**, 297
Väyrynen, J., see Bódi, A.C., **253**, 115
Veira, J.A., see Mosqueira, J., **253**, 1
Venugopal Reddy, P., see Topare, R.J., **253**, 89
Vidal, F., see Mosqueira, J., **253**, 1
Vul, D.A. and E.K.H. Salje, Periodic twin microstructures in $YBa_2Cu_3O_7$ thin films: a computer simulation study, **253**, 231

Wada, J., see Yamada, K., **253**, 135
Wang, D.C., see Lee, W.H., **253**, 156
Wang, X.-G., Z. Huang and L. Yuan, Effect of F-doping in the Hg–Ba–Ca–Cu–O system, **253**, 254
Wolenski, T. and J.C. Swihart, Acoustic attenuation in high-T_c superconductors, **253**, 266
Wuyts, B., see Rosova, A., **253**, 39

Xiong, Q., F.T. Chan, Y.Y. Xue and C.W. Chu, Synthesis and start cation-composition of $HgBa_2CuO_{4+\delta}$, **253**, 329
Xue, Y.Y., see Xiong, Q., **253**, 329

Yamada, K., J. Wada, S. Hosoya, Y. Endoh, S. Noguchi, S. Kawamata and K. Okuda, Antiferromagnetic long range order of the $S = 1/2$ linear chain cuprate Ca_2CuO_3, **253**, 135
Yamaguchi, S., see Nakanishi, M., **253**, 33
Yang, I.-S., see Kim, H.-D., **253**, 351
Yoshimura, K., see Nakanishi, M., **253**, 33
Yoshizaki, R., see Jeon, D.-S., **253**, 102
Yu, J., see Kim, G.-H., **253**, 139
Yuan, L., see Wang, X.-G., **253**, 254

ELSEVIER

Physica C 253 (1995) 411–412

PHYSICA C

Analytical Subject Index to Volume 253

Anisotropic superconductors 39, 102, 266, 271, 334, 357, 373
Antiferromagnetic order 135, 313
Antiferromagnetic ordering 205
Applications of high-T_c superconductors 292
Artificial lattices 217
Atomic layer-by-layer deposition 217

Band structure 23
Bi-polaronic superconductivity 279
Bismuth-based superconductors 53, 79, 89, 102, 109, 182, 194, 225, 292, 383, 391
Borocarbides 48
Bose condensation 279
Buoyancy 199

Carrier concentration 367
Cationic stoichiometry 339
Charge transfer 71, 102, 217
Collective modes 373
Critical current density
–of $Bi_{2.1}Sr_{1.9}CaCu_2O_{8+\delta}$ 225
–of $Bi_2Sr_2CaCu_2O_y$ 182
–of $Bi_2Sr_2CaCu_2O_y$ 194
–of $Bi_2Sr_2CaCu_2O_{8+x}$ 391
–of $CeRu_2$ 191
–of $YBa_2Cu_3O_{7-\delta}$ 177
Critical current distribution 292
Critical current modulation 63
Crystal structure
–of $Tl(Sr_{2-x}Ce_x)CaCu_2O_7$ 156
–of $TlSr_2(Ca_{1-y}Ce_y)Cu_2O_{7-\delta}$ 156
Cu-O planes 23

Defect structures 39
–in $Bi_2Sr_2CaCu_2O_x$ 383
Dielectric permittivity
–of $Bi_2Sr_2CoO_{6+\delta}$ 97
Dispersion relations 373
Doping effects 89, 102, 391, 401

Elastic softening 89
Electrical field effect 194
Electrical resistivity
–of $Bi_2Sr_2CoO_{6+\delta}$ 97
–of $HgBa_2Ca_2Cu_3O_{x-y}F_y$ 254
–of NbN/X (X = Ag, CN_x) 33
–of $RBa_2Cu_3O_{6+x}$ (R = Tm,Lu) 313
–of $Y_1Ba_2Cu_3O_{7-\delta}$ 1
–of $YBa_2Cu_3O_{7-\delta}$ 39
Electron-doped superconductor 339
Electronic structure
–of $Fe_{1-x}S$ 165
–of $HgBa_2CuO_{4+\delta}$ 351
Eliashberg relations 23
Exchange-mediated pairing 23

Fluctuation effects 1
Flux creep 357
–in $YBa_2Cu_3O_{7-x}$ 168
Flux pinning 109, 168, 357, 391

Ginzburg-Landau model, time-dependent (2nd order) 139
Grain alignment 39, 182, 357
Grain boundaries 63
Granular superconductors 225
Gravitational screening 199

High local spin 165
Hole doping 351
Hubbard planes 334

Illumination 168
Incommensurate (2nd order) 383
Inhomogeneities 1
Interface stress 217
Interfaces 297
Ionic size effect
–in $R_{1-x}Pr_xBa_{2-y}Sr_yCu_3O_7$ 205
Irreversibility line 357
Isotope effect 367

Josephson effect 139, 373

Laser irradiation 121
Lattice growth
–of $(BaMO_x)(BaCuO_{2+y})(CaCuO_2)_n$ (M = Au,Cu n = 2,4) 217
Local electronic structure
–of $Nd_{2-x}Ce_xCuO_{4+\delta}$ 147
Lower critical field 225

Magnetisation
–of $Bi_2Sr_2CaCu_2O_{8+x}$ 391
Magnetization, hysteresis (2nd order) 191
Magnetization 325
–of $(Nd_{1-y}Y_y)_{2-x}Ce_xCuO_{4-\delta}$ 308
–of $(Tl_{0.5}Pb_{0.5})Sr_2Ca_2Cu_3O_9$ 357
–of $Bi_{2.1}Sr_{1.9}CaCu_2O_{8+\delta}$ 225
Measurement technique 325
Mercury-based superconductors 254, 329, 351
Metal-insulator transition 156
Metastability 259
Microstructure 39, 89, 177, 339
–of $YBa_2Cu_3O_{7-x}$ 63
Multilayers 33

Neutron diffraction 243
–of $(Tl_{0.8}Bi_{0.2})(Sr_{1.6}Ba_{0.4})Ca_2Cu_3O_{9-\delta}$ 109
Neutron scattering
–on Ca_2CuO_3 135
Normal-state properties 97

Order parameter relaxation 139
Ortho-tetra (2nd order) 231, 243
Oxy-fluorides 16
Oxycarbonates 401
Oxyfluorides 259
Oxygen stoichiometry 1, 71, 243, 271, 313, 329, 351

Pair breaking 168
Penetration depth 115, 279
Percolation model 205
Phase diagram 53
–of $RBa_2Cu_3O_{6+x}$ (R = Tm,Lu) 313
Phonon mechanism 23
Point defect structures 147

Point-contact spectroscopy
–of $LuNi_2B_2C$ 48
–of YNi_2B_2C 48
Pressure effect
–on $TlSr_2CaCu_2O_{7-\delta}$ 71
Proximity effect 33

Quasi-one dimensional antiferromagnetism 135

Raman spectroscopy
–of $YBa_2Cu_3O_{7-\delta}$ 121
Resistivity
–of $Bi_2Sr_2CaCu_2O_{8+y}$ 102

SQUID magnetometer 325
Seebeck effect
–of $Tl_2Ba_2CuO_{6-\delta}$ 271
Self-field effect 292
Shape effect 191
Spin fluctuations 135
Spin-mediated interactions 165
Steric effects 308
Strong-coupling effects 23
Structural defects 259
Structural modulation
–in $YBa_2Cu_3O_7$ 231
Structural phase transition 231, 243
Substitution effects 53, 109, 147, 156, 205, 254, 308, 357
Substrates 39, 121, 297
Superconducting energy gap 48, 266, 279
Superstructure 383, 401
Surface resistance
–of $YBa_2Cu_3O_{7-x}$ 115
Surface roughness 297
Susceptibility
–of $HgBa_2Ca_2Cu_3O_{x-y}F_y$ 254
–of $Sr_{2-x}M_xCuO_2CO_3$, M = Na or K, $0 \leq x \leq 1$ 401
Synthesis
–of $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ 79
–of $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$ 53
–of $HgBa_2CuO_{4+\delta}$ 329
–of $Nd_{1.85}Ce_{0.15}Cu_{1+\delta}O_y$ 339
–of $RBa_2Cu_2Co_1O_{7+\delta}$ (R = La, Pr, Nd, Sm, Gd, and Er) 243
–of $Sr_2Cu(O,F)_{4+\delta}$ 259
–of $Sr_{2-x}A_xCuO_2F_{2+\delta}$(A = Ca, Ba) 16
–of $Sr_{2-x}M_xCuO_2CO_3$, M = Na or K, $0 \leq x \leq 1$ 401
–of $YBa_2Cu_3O_{7-\delta}$ 177

Tapes 292, 391
Temperature drift 325
Thallium-based superconductors 71, 109, 156, 271, 357
Thermoelectric power
–of $Y_1Ba_2Cu_3O_{7-\delta}$ 1
Thick films 115
Thin films 39, 121, 168, 231, 297, 383
Transmission electron microscopy
–of $YBa_2Cu_3O_{7-x}$ 297
Tunneling 48, 168
Twin boundaries 231

Ultrasound attenuation 266
Ultrasound measurements
–of $Bi_{1.7}Pb_{0.3}Sr_2Ca_2Cu_3O_{10}$ 89

Van-Hove scenario 367
Variable range hopping 156

Wires 182
d-Wave superconductors 23
d-Wave superconductors 63, 334

ELSEVIER

Physica C 253 (1995) 413

PHYSICA C

Materials Index to Volume 253

$(BaMO_x)(BaCuO_{2+y})(CaCuO_2)_n$
–lattice growth 217
$(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$
–synthesis 79
$(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$
–synthesis 53
$Bi_{1.7}Pb_{0.3}Sr_2Ca_2Cu_3O_{10}$
–ultrasound measurements 89
$Bi_{2.1}Sr_{1.9}CaCu_2O_{8+\delta}$
–critical current density 225
–magnetization 225
$Bi_2Sr_2CaCu_2O_x$
–defect structures 383
$Bi_2Sr_2CaCu_2O_y$
–critical current density 182
–critical current density 194
$Bi_2Sr_2CaCu_2O_{8+x}$
–critical current density 391
–magnetisation 391
$Bi_2Sr_2CaCu_2O_{8+y}$
–resistivity 102
$Bi_2Sr_2CoO_{6+\delta}$
–dielectric permittivity 97
–electrical resistivity 97

Ca_2CuO_3
–neutron scattering 135
$CeRu_2$
–critical current density 191

$Fe_{1-x}S$
–electronic structure 165

$HgBa_2Ca_2Cu_3O_{x-y}F_y$
–electrical resistivity 254
–susceptibility 254
$HgBa_2CuO_{4+\delta}$
–electronic structure 351
–synthesis 329

$LuNi_2B_2C$
–point-contact spectroscopy 48

NbN/X (X = Ag, CN_x)
–electrical resistivity 33
$Nd_{1.85}Ce_{0.15}Cu_{1+\delta}O_y$
–synthesis 339
$Nd_{2-x}Ce_xCuO_{4+\delta}$
–local electronic structure 147
$(Nd_{1-y}Y_y)_{2-x}Ce_xCuO_{4-\delta}$
–magnetization 308

$R_{1-x}Pr_xBa_{2-y}Sr_yCu_3O_7$
–ionic size effect 205
$RBa_2Cu_2Co_1O_{7+\delta}$ (R = La, Pr, Nd, Sm, Gd, and Er)
–synthesis 243
$RBa_2Cu_3O_{6+x}$ (R = Tm,Lu)
–electrical resistivity 313
–phase diagram 313

$Sr_2Cu(O,F)_{4+\delta}$
–synthesis 259
$Sr_{2-x}A_xCuO_2F_{2+\delta}$(A = Ca, Ba)
–synthesis 16
$Sr_{2-x}M_xCuO_2CO_3$, M = Na or K, $0 \leq x \leq 1$
–susceptibility 401
–synthesis 401

$(Tl_{0.8}Bi_{0.2})(Sr_{1.6}Ba_{0.4})Ca_2Cu_3O_{9-\delta}$
–neutron diffraction 109
$(Tl_{0.5}Pb_{0.5})Sr_2Ca_2Cu_3O_9$
–magnetization 357
$Tl(Sr_{2-x}Ce_x)CaCu_2O_7$
–crystal structure 156
$Tl_2Ba_2CuO_{6-\delta}$
–seebeck effect 271
$TlSr_2(Ca_{1-y}Ce_y)Cu_2O_{7-\delta}$
–crystal structure 156
$TlSr_2CaCu_2O_{7-\delta}$
–pressure effect 71

$Y_1Ba_2Cu_3O_{7-\delta}$
–electrical resistivity 1
–thermoelectric power 1
$YBa_2Cu_3O_7$
–structural modulation 231
$YBa_2Cu_3O_{7-\delta}$
–critical current density 177
–electrical resistivity 39
–raman spectroscopy 121
–synthesis 177
$YBa_2Cu_3O_{7-x}$
–flux creep 168
–microstructure 63
–surface resistance 115
–transmission electron microscopy 297
YNi_2B_2C
–point-contact spectroscopy 48

ELSEVIER

Physica C 253 (1995) 415–418

PHYSICA C

Cumulative Author Index to Volumes 251–253

Abalioshev, A.V., **251**, 207
Akamatsu, M., **253**, 102
Akimenko, A.I., **251**, 97
Akinaga, M., **251**, 7
Alloul, H., **251**, 219
Altshuler, E., **252**, 295
Andreone, A., **251**, 379
Andrews, G.W., **252**, 229
Anselmi Tamburini, U., **251**, 89; **253**, 147
Antipov, E.V., **253**, 259, 401
Ardashnikova, E.I., **253**, 259
Artemenko, S.N., **253**, 373
Asaoka, H., **251**, 255
Ausloos, M., **251**, 337; **252**, 1
Awaji, S., **251**, 255

Balakrishnan, G., **252**, 303
Baltaga, I.V., **251**, 50
Bandyopadhyay, B., **252**, 177
Barabanov, A.F., **252**, 308
Barnole, V., **253**, 53
Basu, R.N., **251**, 165
Benacka, S., **253**, 39
Bennett, L.H., **251**, 361
Beresovsky, V.M., **252**, 308
Berner, D., **251**, 274
Beyers, R.B., **251**, 71
Bhattacharya, R.N., **251**, 105
Bianconi, A., **251**, 383
Bingert, J.F., **253**, 182
Bingham, B.L., **253**, 182
Bist, H.D., **253**, 121
Blendell, J.E., **251**, 361
Bódi, A.C., **252**, 22; **253**, 115
Böhm, M.C., **252**, 282
Boiko, Ya.V., **251**, 207
Boikov, Ju., **253**, 297
Bougrine, H., **251**, 337; **252**, 1
Braun, H.F., **251**, 274
Bravman, J.C., **251**, 71
Brazdeikis, A., **253**, 383
Broussard, P.R., **253**, 121
Brown, A., **252**, 229
Brunner, M., **253**, 401
Bryntse, I., **251**, 115
Buchal, Ch., **253**, 63
Bull, M., **253**, 199

Cabeza, O., **253**, 1
Campá, J.A., **251**, 175
Caneiro, A., **253**, 339
Canepa, F., **251**, 379
Canfield, P.C., **253**, 48
Cao, Y., **251**, 216
Capponi, J.J., **253**, 401
Carbotte, J.P., **252**, 87
Celasco, M., **252**, 375
Chacon, L., **251**, 361
Chaddah, P., **253**, 191
Chadwick, A.V., **253**, 147
Chaillout, C., **253**, 401
Chaklader, A.C.D., **252**, 67
Chakoumakos, B.C., **253**, 109
Chan, F.T., **253**, 329
Chan, W.C., **252**, 203
Chang, H., **251**, 126; **252**, 333
Char, K., **252**, 348
Che, G.C., **251**, 110
Chen, B., **252**, 381
Chen, C., **251**, 405
Chen, F., **251**, 216
Chen, H., **251**, 110
Chen, X.K., **251**, 192
Chen, Y.C., **252**, 79
Chen, Z., **252**, 13
Chern, G., **253**, 97
Chiang, C.K., **251**, 361
Cho, B.K., **253**, 48
Christen, D.K., **252**, 125; **253**, 109, 357
Chromik, S., **253**, 39
Chu, C.W., **251**, 126, 216; **252**, 333; **253**, 329
Chun, S.H., **253**, 48
Cimberle, M.R., **251**, 61
Claeson, T., **253**, 297
Collin, G., **251**, 219
Cone, G., **252**, 375
Continenza, A., **251**, 389
Cook, S.L., **252**, 229
Copetti, C.A., **253**, 63
Coulter, J.Y., **253**, 182
Cowen, J.A., **251**, 183
Curzon, A.E., **251**, 192

Dabrowski, B., **252**, 13
Dahm, T., **253**, 334
Dallacasa, V., **251**, 156
Dan'ko, N.V., **252**, 313
Danyluk, S., **252**, 389
De la Fuente, G.F., **253**, 391
Denisenko, D.I., **253**, 259
De Pascale, T.M., **251**, 389
De Podesta, M., **253**, 199
Dewing, H.L., **251**, 165
Doettinger, S.G., **251**, 285
Dong, C., **251**, 110
Dou, S.X., **252**, 211
Duan, H.M., **253**, 271
Duvigneaud, P.H., **251**, 337
D'yachenko, A.I., **251**, 207

Edwards, P.P., **253**, 16
Ehmann, A., **251**, 238
Elly, J., **251**, 171
Emerson, J.P., **252**, 237
Endoh, Y., **253**, 135
Enomoto, Y., **251**, 355; **252**, 141

Fang, Y., **252**, 389
Faqir, H., **253**, 53
Feduzi, R., **251**, 156
Ferdeghini, C., **251**, 61
Filoti, G., **251**, 238
Fisher, L.M., **251**, 50
Fisher, R.A., **252**, 237
Flodström, A.S., **253**, 383
Flor, G., **251**, 89
Flükiger, R., **251**, 61; **253**, 292
Fontana, F., **251**, 379
Foster, C., **251**, 15
Francesconi, M.G., **253**, 16
Franse, J.J.M., **251**, 7
Franzen, H.F., **252**, 138
Freeman, A.J., **252**, 7
Freltoft, T., **252**, 229

Freyhardt, H.C., **251**, 366
Friend, C.M., **252**, 107
Fujimori, H., **252**, 275
Fujiwara, M., **252**, 100
Fukunaga, T., **251**, 325

Gaines, J.R., **253**, 177
Gameson, I., **253**, 16
Ganesh, K., **253**, 89
Gangopadhyay, A.K., **252**, 199
Gao, J., **251**, 330
Gardner, J.S., **252**, 303
Garg, K.B., **251**, 7
Geserich, H.P., **251**, 274
Ghigna, P., **251**, 89; **253**, 147
Ghivelder, L., **251**, 175
Giannini, E., **251**, 61
Gibson, J., **251**, 216
Gilabert, A., **251**, 171
Goerke, F., **251**, 247
Gordon, J.E., **252**, 237
Goreatchkovski, E., **252**, 27
Goren, S.D., **252**, 177
Goretta, K.C., **253**, 194
Grasso, G., **251**, 61; **253**, 292
Greaves, C., **253**, 16
Gudimenko, V.A., **251**, 97
Guerrin, L., **251**, 219
Guo, Y.F., **251**, 337
Güttler, B., **251**, 165
Györffy, B.L., **251**, 263

Hampshire, D.P., **252**, 107
Hari Babu, V., **252**, 49
Hartford Jr., E.H., **251**, 133
Hasan, M.K., **252**, 173
He, Z.H., **251**, 126
Hegde, M.S., **253**, 243
Heinemann, K., **251**, 366
Heinz, E., **251**, 171
Hellman, E.S., **251**, 133
Hellstrom, E.E., **251**, 27; **252**, 155; **253**, 79
Hermann, A.M., **253**, 271
Hewitt, K.C., **251**, 192
Hijar, C.A., **252**, 13
Hill, M.D., **251**, 361
Hirano, K., **251**, 255
Hitchman, M.L., **252**, 229
Hitterman, R.L., **253**, 71
Hodges, J.P., **253**, 16
Holesinger, T.G., **253**, 182
Hosoya, S., **253**, 135
Hu, Q.Y., **252**, 211
Huang, Z., **253**, 254
Huebener, R.P., **251**, 285
Hunter, B.A., **253**, 71
Hur, N.H., **253**, 109, 351

Iavarone, M., **251**, 379
Ikeda, H., **253**, 102
Il'enko, K.V., **251**, 50
Indekeu, J.O., **251**, 290
Irwin, J.C., **251**, 192
Ishizuka, M., **252**, 339
Isobe, M., **251**, 279
Ito, T., **251**, 383
Iwasaki, H., **251**, 255

Jacobson, A., **251**, 216
Jansen, M., **253**, 391
Jeon, D.-S., **253**, 102
Jeong, G.T., **253**, 48
Jia, S.L., **251**, 110
Johnson, J.M., **253**, 182
Johnston, D.C., **252**, 138; **253**, 48
Jorgensen, J.D., **253**, 71
Jurelo, A.R., **251**, 175
Jürgensen, H., **252**, 229
Jwo, D.S., **252**, 203

Kabius, B., **253**, 63
Kakihana, M., **252**, 275
Kalinov, A.V., **251**, 50
Kanai, M., **253**, 217
Kanno, K., **252**, 61
Kareiva, A., **251**, 115
Kawai, T., **253**, 217
Kawamata, S., **253**, 135
Kazakov, S.M., **253**, 401
Kazin, P.E., **253**, 391
Kazumata, Y., **251**, 231
Kelly, J.F., **251**, 361
Kemmler-Sack, S., **251**, 238
Kennedy, H., **252**, 381
Khim, Z.G., **253**, 48
Kiehl, W., **253**, 271
Kim, G.-H., **253**, 139
Kim, H.-D., **253**, 351
Kim, J.H., **251**, 399
Kim, W.-S., **251**, 149
Kim, Y.C., **253**, 357
Kirschner, I., **252**, 22
Kiselev, N.A., **253**, 297
Kishore, R., **253**, 367
Klabunde, C.E., **252**, 125
Klehe, A.-K., **252**, 199
Kobayashi, N., **251**, 255
Kobel'kov, A.G., **253**, 373
Kokkomäki, T., **253**, 115
Kondo, T., **253**, 71
Konsin, P., **252**, 183
Kopelevich, Y., **253**, 325
Korn, C., **252**, 177
Kosuge, K., **253**, 33
Kouvel, J.S., **252**, 173
Kozeeva, L.P., **253**, 313
Krämer, U., **251**, 315
Krasnov, V.M., **252**, 319
Krelaus, J., **251**, 366
Kroeger, D.M., **252**, 125
Kubo, Y., **253**, 71
Kudymov, A.N., **253**, 194
Kugel, K.I., **251**, 307
Kühle, A., **251**, 285
Kuklewicz, C.E., **253**, 308
Kukovitsky, E., **252**, 160
Kulić, M.L., **252**, 27
Kulpa, A., **252**, 67
Kumakura, H., **251**, 231
Kunkel, H.P., **251**, 183
Kunzler, J.V., **251**, 175
Kussmaul, A., **251**, 133
Kwo, J.R., **251**, 133
Kwon, K.-J., **251**, 149
Kye, J.I., **253**, 48

Lada, T., **252**, 1
Lähderanta, E., **252**, 22
Laiho, R., **252**, 22
Lan, Y.C., **251**, 110
Lanagan, M.T., **252**, 389; **253**, 194
Landau, I.L., **253**, 168
Lanzara, A., **251**, 383
Larrea, A., **253**, 391
Lavrov, A.N., **253**, 313
Law, D.S-L., **251**, 7
Lee, J.J., **252**, 203
Lee, S., **251**, 149
Lee, S.-I., **251**, 149
Lee, W.C., **253**, 48
Lee, W.H., **252**, 79; **253**, 156
Lengeling, G., **252**, 229
Leppävuori, S., **253**, 115
Li, J.W., **251**, 371
Lichtenstein, A.I., **252**, 27
Linden, J.L., **252**, 229
Linhart, J., **251**, 238
Litak, G., **251**, 263
Liu, F.-S., **253**, 165
Liu, H.K., **252**, 211
Liu, J., **251**, 15
Liu, L.M., **251**, 216
Looney, C., **252**, 199
Lowndes, D.H., **252**, 125
Lubarsky, S.V., **253**, 259
Luetgemeier, H., **252**, 160
Lutciv, R.V., **251**, 207

MacManus-Driscoll, J.L., **251**, 71
Maeda, H., **252**, 339
Maekawa, S., **251**, 355
Makarov, N.M., **251**, 50

Maksimov, L.A., **252**, 308
Maley, M.P., **253**, 182
Manako, T., **253**, 71
Mancini, F., **252**, 361
Manfrinetti, P., **251**, 379
Marezio, M., **253**, 401
Markert, J.T., **253**, 308
Marra, S., **252**, 361
Marrè, D., **251**, 61
Masoero, A., **252**, 375
Massidda, S., **251**, 389
Matsui, Y., **251**, 279; **252**, 221
Matsumoto, H., **252**, 361
Mattheiss, L.F., **251**, 140
Matunari, S., **253**, 217
Maza, J., **253**, 1
Mazaki, H., **252**, 275
McCarron III, E.M., **252**, 237
Medici, M.G., **251**, 171
Meen, T.H., **252**, 79
Mehring, M., **252**, 27
Melnikov, V.S., **252**, 313
Menegotto Costa, R., **251**, 175
Meng, R.L., **251**, 126
Meng-Burany, X., **251**, 192
Menovsky, A., **251**, 7
Merkle, K.L., **252**, 348
Miller, D.J., **253**, 194
Miller, P., **251**, 263
Missori, M., **251**, 383
Moehlecke, S., **253**, 325
Monnereau, O., **253**, 53
Monnier, R., **251**, 389
Morawski, A., **252**, 1
Mori, N., **253**, 71
Morin, D., **253**, 53
Mosqueira, J., **253**, 1
Mulet, R., **252**, 295
Muralidhar, M., **252**, 49
Muroi, M., **253**, 205
Myasoedov, Yu.N., **251**, 207
Myers, D.L., **252**, 147

Nagata, S., **253**, 33
Nakanishi, M., **253**, 33
Nakayama, N., **253**, 33
Nanda Kishore, K., **252**, 49
Narayan, J., **253**, 121
Neminsky, A.M., **252**, 327
Nemoshkalenko, V.V., **252**, 313
Neumüller, H.W., **252**, 211
Nishizaki, T., **251**, 255
Noguchi, S., **253**, 135
Norton, D.P., **252**, 125
Novikov, D.L., **252**, 7
Numata, K., **252**, 389

Odagawa, A., **252**, 141
O'Donovan, C., **252**, 87
Oelze, B., **253**, 63
Oh, S.-J., **253**, 351
Ohkubo, H., **251**, 7
Oka, K., **251**, 383
Okayasu, S., **251**, 231
Okuda, K., **253**, 135
Olsen, E.A., **251**, 1
Olsson, E., **253**, 297
Onufrieva, F., **251**, 348
Oota, A., **251**, 325
Orlova, T.S., **253**, 194
Oyanagi, H., **251**, 383

Palenzona, A., **251**, 379
Paranjpe, S.K., **253**, 243
Paranthaman, M., **251**, 105; **253**, 109, 357
Park, S.J., **252**, 173
Paul, D.McK., **252**, 303
Pekala, M., **252**, 1
Pena, O., **252**, 49
Pérez-Rodríguez, F., **251**, 50
Peterson, D.E., **253**, 182
Phillips, D.S., **253**, 182
Phillips, J.C., **252**, 188
Phillips, N.E., **252**, 237
Pinch, D.L., **252**, 229
Poeppelmeier, K.R., **252**, 7, 13
Popescu, V., **252**, 375
Popov, A.G., **252**, 313
Pradhan, A.K., **251**, 405; **253**, 191
Prado, F., **253**, 339
Pudney, P., **251**, 7
Pureur, P., **251**, 175
Putti, M., **251**, 61

Raghuvanshi, G.S., **253**, 121
Rajagopal, H., **253**, 243
Rakhmanov, A.L., **251**, 307
Ramesh, S., **253**, 243
Ramirez-Castellanos, J., **251**, 279; **252**, 221
Rangarajan, G., **253**, 225
Ranninger, J., **253**, 279
Rasines, I., **251**, 175
Ravi, S., **253**, 225
Ray II, R.D., **251**, 1, 27
Reimers, W., **251**, 238
Reklis, S.F., **252**, 237
Rekveldt, M.Th., **252**, 264
Ren, Y., **251**, 15
Ren, Y.T., **252**, 333
Richards, B.C., **252**, 229
Rinderer, L., **253**, 168
Ritter, J.J., **251**, 361
Robin, J.M., **253**, 279
Rodrigues Jr., P., **251**, 175
Roest, W., **252**, 264
Rogacki, K., **252**, 13
Rosenberg, M., **251**, 238
Rosova, A., **253**, 39
Rossetti, T., **251**, 383
Roy, S.B., **253**, 191
Rozeveld, S., **252**, 348
Rüders, F., **253**, 63

Safar, H., **253**, 182
Sahuji, N.K., **253**, 89
Saini, N.L., **251**, 7, 383
Salazar, K.V., **252**, 147
Salje, E.K.H., **253**, 231
Sasaki, T., **251**, 255
Satyavathi, S., **252**, 49
Sawh, R.P., **251**, 15
Scavini, M., **251**, 89; **253**, 147
Schaf, J., **251**, 175
Schätzle, P., **251**, 315
Schiel, D., **251**, 165
Schilling, J.S., **252**, 199
Schinzer, C., **251**, 238
Schmauder, T., **251**, 171
Schmidl, F., **251**, 171
Schneck, J., **253**, 53
Schreiber, M., **253**, 23
Schulte, B., **252**, 229
Schulte, J., **252**, 282
Seidel, P., **251**, 171
Sekizawa, K., **252**, 61
Seling, B., **251**, 238
Seo, J.W., **253**, 63
Sequiera, A., **253**, 243
Serquis, A., **253**, 339
Shah, S.S., **253**, 89
Shaked, H., **252**, 177; **253**, 71
Shames, A.I., **252**, 177
Shamlian, S.H., **252**, 229
Shen, Y.Q., **252**, 229
Sherman, A., **253**, 23
Shi, J.B., **253**, 97
Shih, C.R., **252**, 79
Shimakawa, Y., **253**, 71
Shovkun, D.V., **252**, 327
Shpanchenko, R.V., **253**, 259
Siri, A.S., **251**, 61
Slaski, M., **253**, 16
Slater, P.R., **253**, 16
Smirnov, B.I., **253**, 194
Smith, J.L., **253**, 182
Smith, P.A., **251**, 1
Song, L.R., **253**, 97
Song, Y., **253**, 177
Soni, R.N., **253**, 121
Specht, E.D., **253**, 357
Spee, C.I.M.A., **252**, 229

Spinolo, G., **251**, 89; **253**, 147
Srivastava, P., **251**, 7
Stampe, P.A., **251**, 183
Stepanescu, A., **252**, 375
Stern, C.L., **252**, 13
Street, R., **253**, 205
Strobel, P., **253**, 53
Studer, F., **251**, 7
Subbanna, G.N., **253**, 243
Suenaga, M., **252**, 117
Suh, J.D., **252**, 54
Sun, Y.Y., **252**, 333
Sung, G.Y., **252**, 54
Sung, Y.S., **252**, 155; **253**, 79
Suzuki, N., **252**, 100
Swihart, J.C., **253**, 266

Takahashi, H., **253**, 71
Takano, Y., **252**, 61
Takayama-Muromachi, E., **251**, 279; **252**, 221
Takei, H., **251**, 255
Tanaka, Y., **252**, 339
Tarenkov, V.Yu., **251**, 207
Teitel'baum, G., **252**, 160
Tewordt, L., **253**, 334
Tholence, J.L., **253**, 401
Thomas, J., **251**, 315
Thompson, J.R., **253**, 109, 357
Thorns, A., **251**, 247
Timoshevskaja, L.V., **252**, 313
Togano, K., **251**, 231
Toledano, J.C., **253**, 53
Tomita, N., **251**, 231
Topare, R.J., **253**, 89
Tretyakov, Yu.D., **253**, 391
Træholt, C., **253**, 383
Tsay, H.L., **252**, 79
Tsuchiya, Y., **253**, 33

Ullmann, B., **251**, 366
Uma, S., **253**, 225
Uvarov, V.N., **252**, 313

Vacquier, G., **253**, 53
Vaglio, R., **251**, 379
Vailionis, A., **253**, 383
Van Leeuwen, J.M.J., **251**, 290
Van Tendeloo, G., **253**, 259
Vasanthacharya, N.Y., **253**, 243
Vase, P., **252**, 229
Vasiliev, A.L., **253**, 297
Väyrynen, J., **253**, 115
Veira, J.A., **253**, 1
Venugopal Reddy, P., **253**, 89
Verges, P., **251**, 315
Vidal, F., **253**, 1
Voloshin, I.F., **251**, 50
Vul, D.A., **253**, 231

Wada, J., **253**, 135
Wahlbeck, P.G., **252**, 147
Wang, D.C., **253**, 156
Wang, F., **252**, 381
Wang, X.-G., **253**, 254
Wang, Y.Q., **252**, 333
Wang, Z., **252**, 138
Wang, Z.L., **252**, 125
Wanklyn, B.M., **251**, 405
Watanabe, K., **251**, 255
Watanabe, T., **252**, 100
Weber, H.W., **252**, 211
Weinstein, R., **251**, 15
Wen, H.H., **251**, 371
Wetzig, A., **251**, 315
Widder, K., **251**, 274
Widder, W., **251**, 274
Williams, G., **251**, 183
Wolenski, T., **253**, 266
Wong, W.H., **251**, 330
Wong-Ng, W., **251**, 361
Woodfield, B.F., **252**, 237
Wright, D.A., **252**, 237
Wu, F., **251**, 110
Wuyts, B., **253**, 39

Xiao, Y.G., **251**, 371
Xiong, Q., **251**, 216; **253**, 329
Xu, X., **252**, 389
Xue, Y.Y., **251**, 126, 216; **252**, 333; **253**, 329

Yamada, K., **253**, 135
Yamaguchi, H., **251**, 383
Yamaguchi, S., **253**, 33
Yampol'skii, V.A., **251**, 50
Yanagisawa, E., **251**, 231
Yang, H.D., **252**, 79
Yang, I.-S., **253**, 351
Yao, X., **252**, 138
Yashima, M., **252**, 275
Yasuoka, H., **252**, 275
Yin, B., **251**, 110, 371
Yokoyama, S.-i., **252**, 61
Yoshimura, K., **253**, 33
Yoshimura, M., **252**, 275
Yoshizaki, R., **253**, 102
Youm, D., **251**, 399
Youngdahl, C.A., **252**, 389
Yu, J., **253**, 139
Yuan, L., **253**, 254

Žąsinas, E., **252**, 308
Zhang, Ch., **252**, 67
Zhang, H., **252**, 381
Zhao, Y., **252**, 381
Zhao, Z.X., **251**, 110, 371
Zhou, X.Z., **251**, 183
Zhu, Y., **252**, 117
Zhukov, V.P., **252**, 7